

FIGURE 1

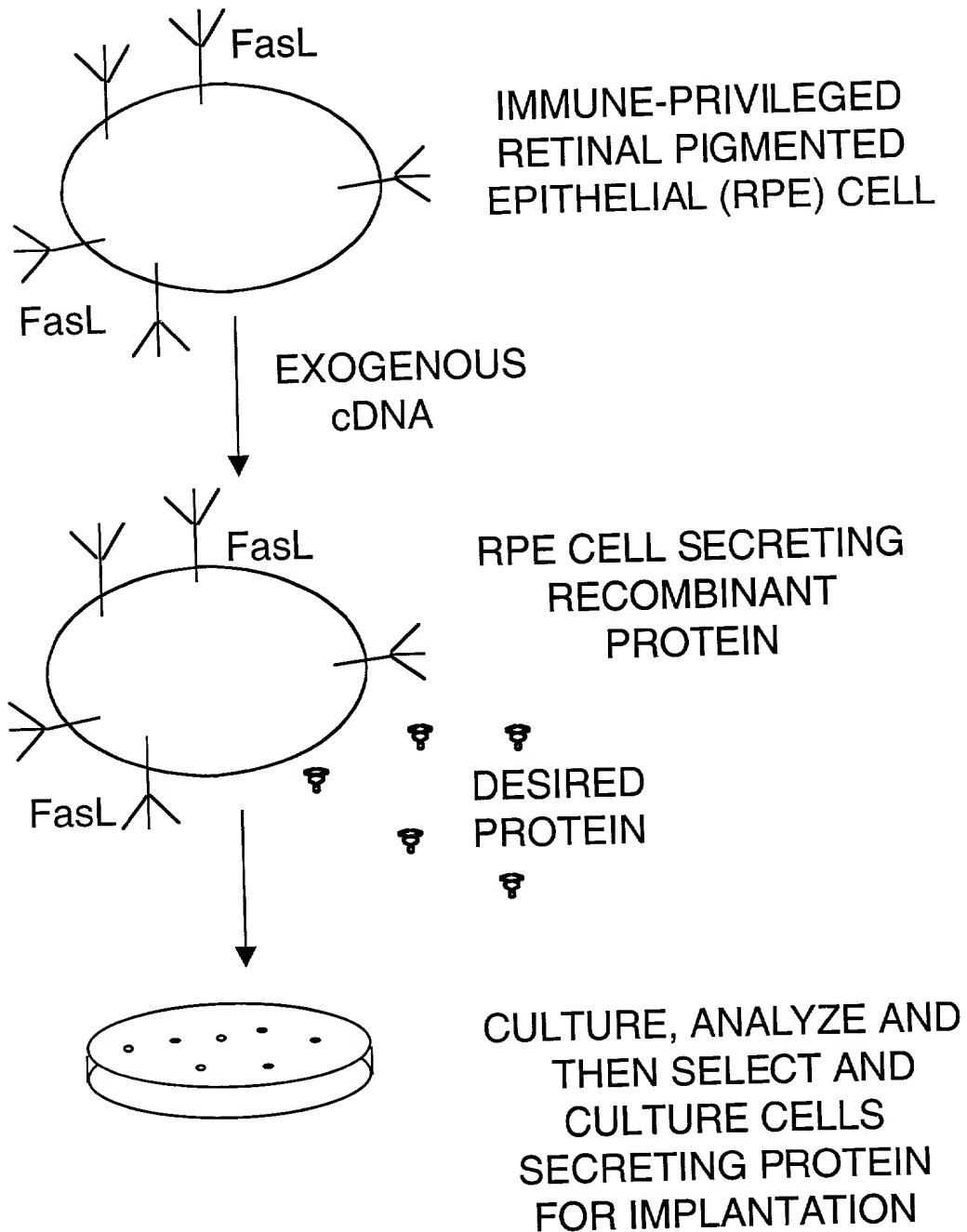


FIGURE 2

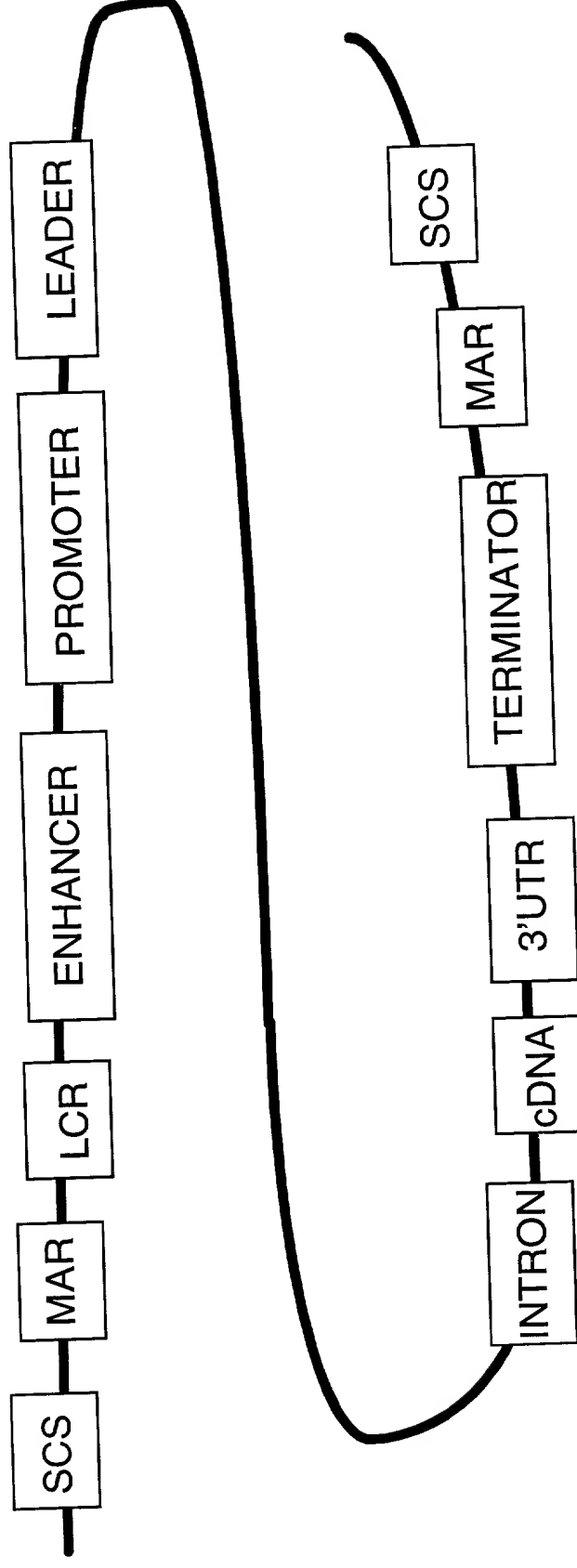
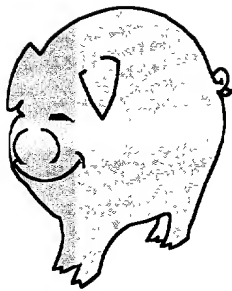
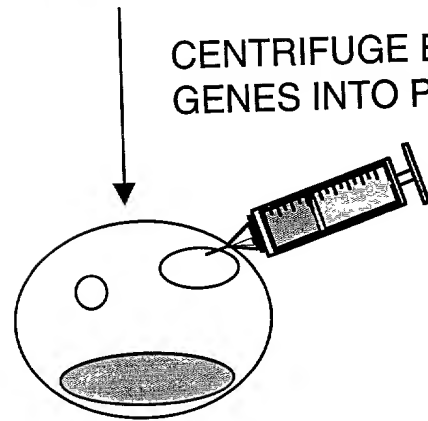


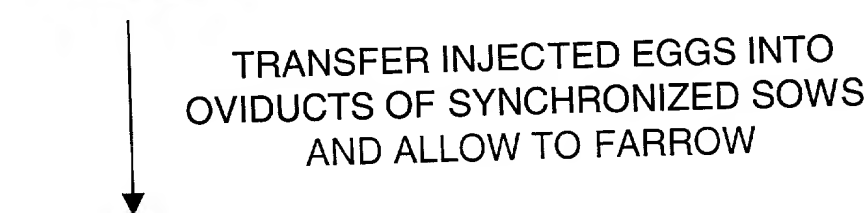
FIGURE 3



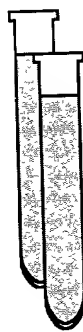
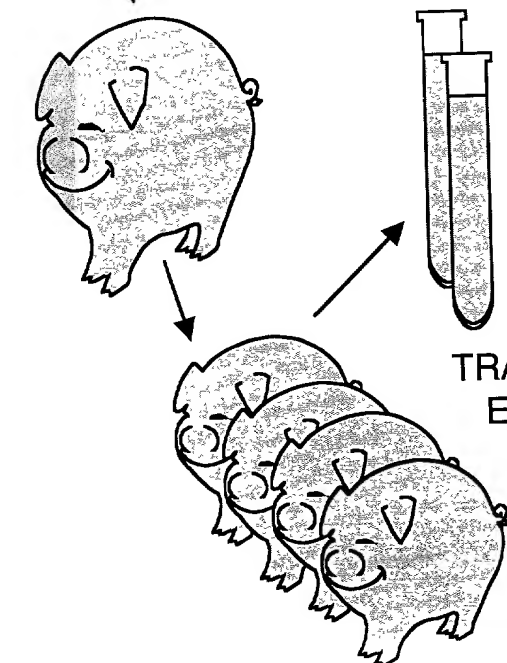
FLUSH FERTILIZED EGGS FROM
SUPER OVULATED DONORS



CENTRIFUGE EGGS, INJECT
GENES INTO PRONUCLEUS



TRANSFER INJECTED EGGS INTO
OVIDUCTS OF SYNCHRONIZED SOWS
AND ALLOW TO FARROW



PCR TO IDENTIFY TRANSGENIC
ANIMALS, THEN PERFORM TISSUE
BIOPSIES, ANALYSES OF mRNA
TRANSCRIPTION + PROTEIN PRODUCTION,
ESTABLISH TRANSGENIC ANIMAL LINES

FIGURE 4

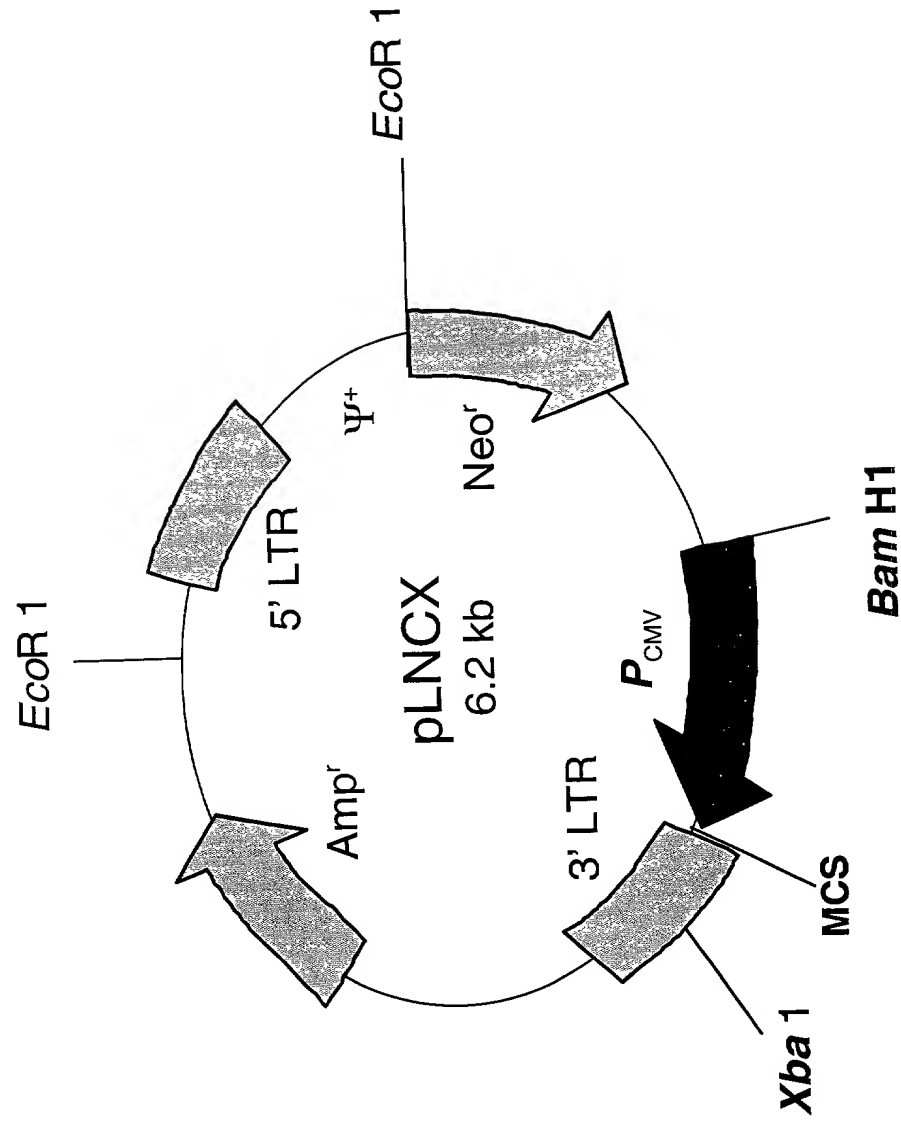


FIGURE 5

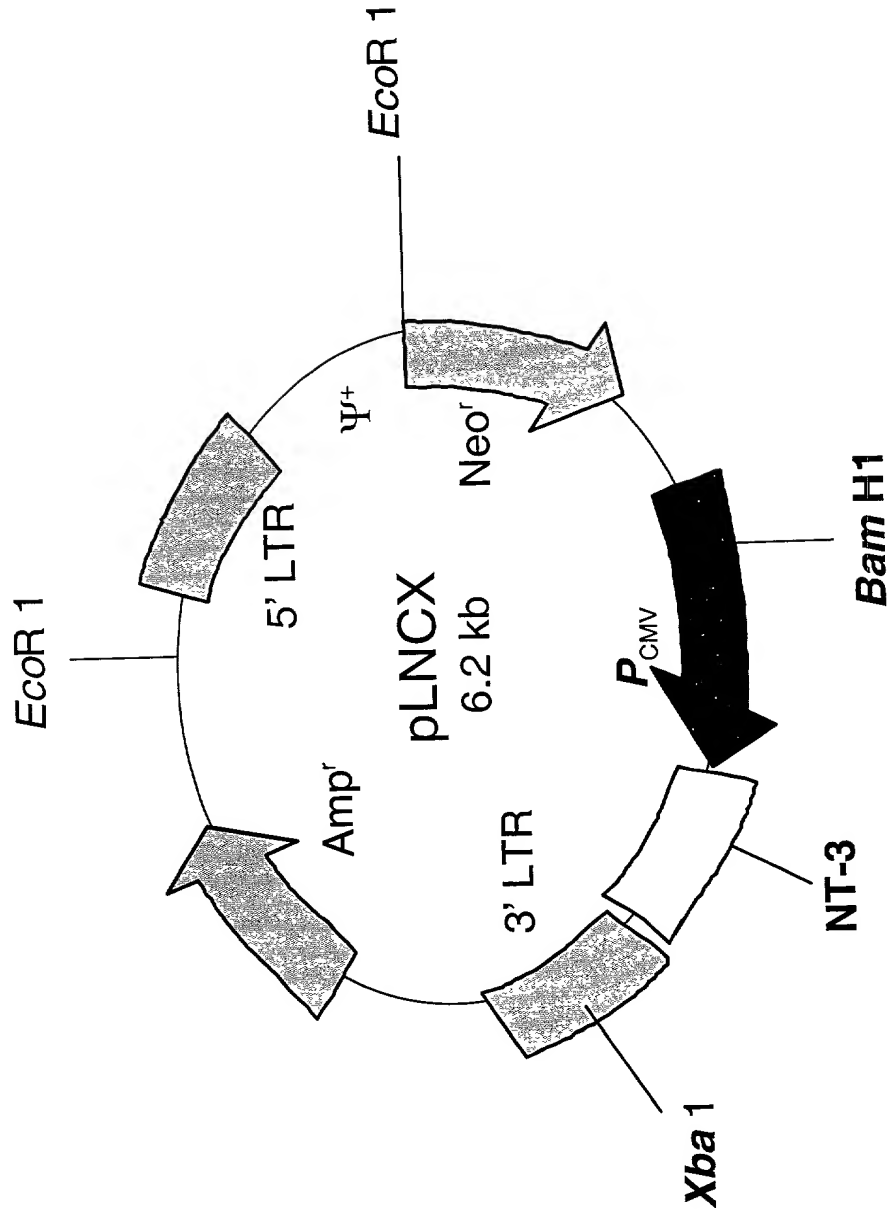
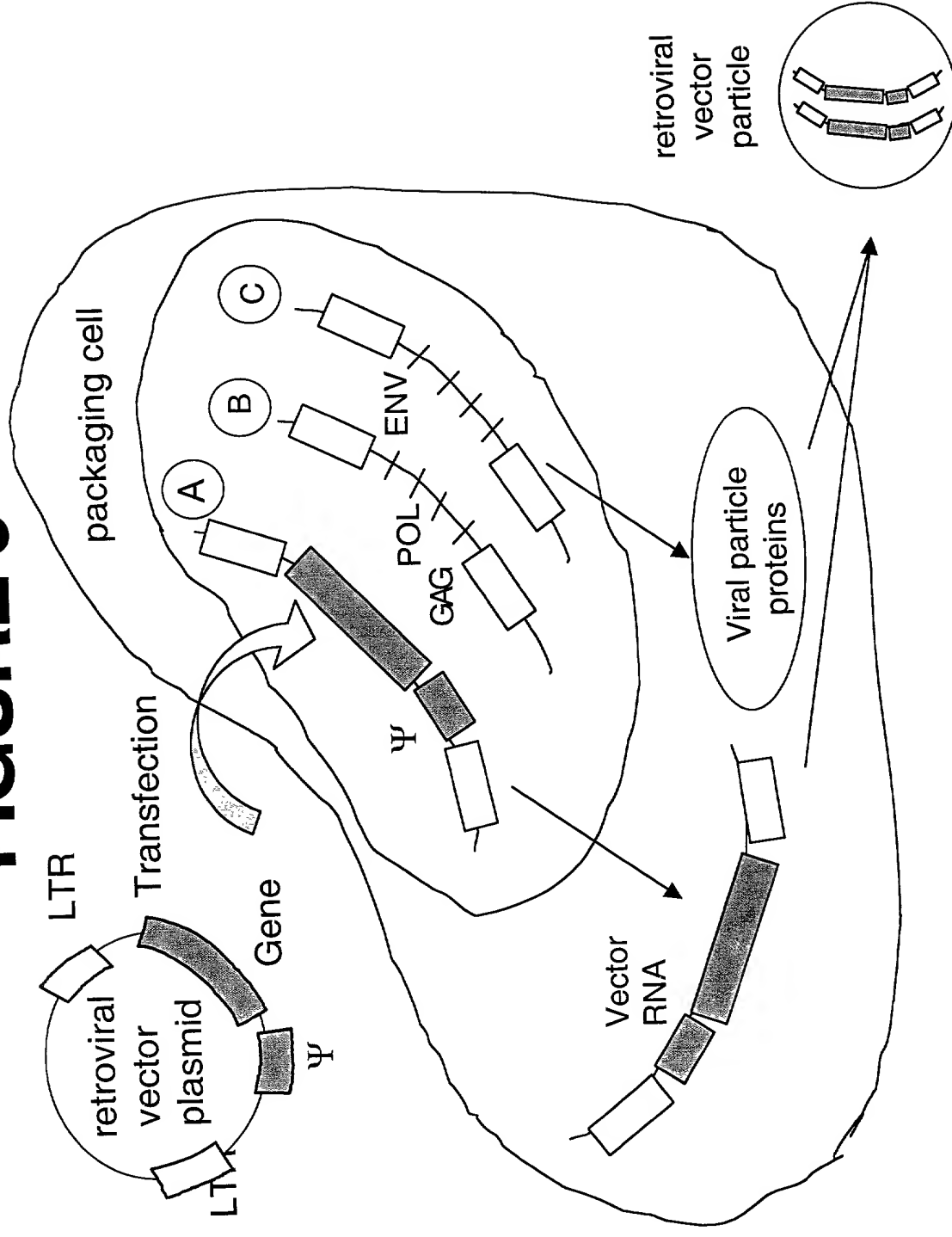


FIGURE 6



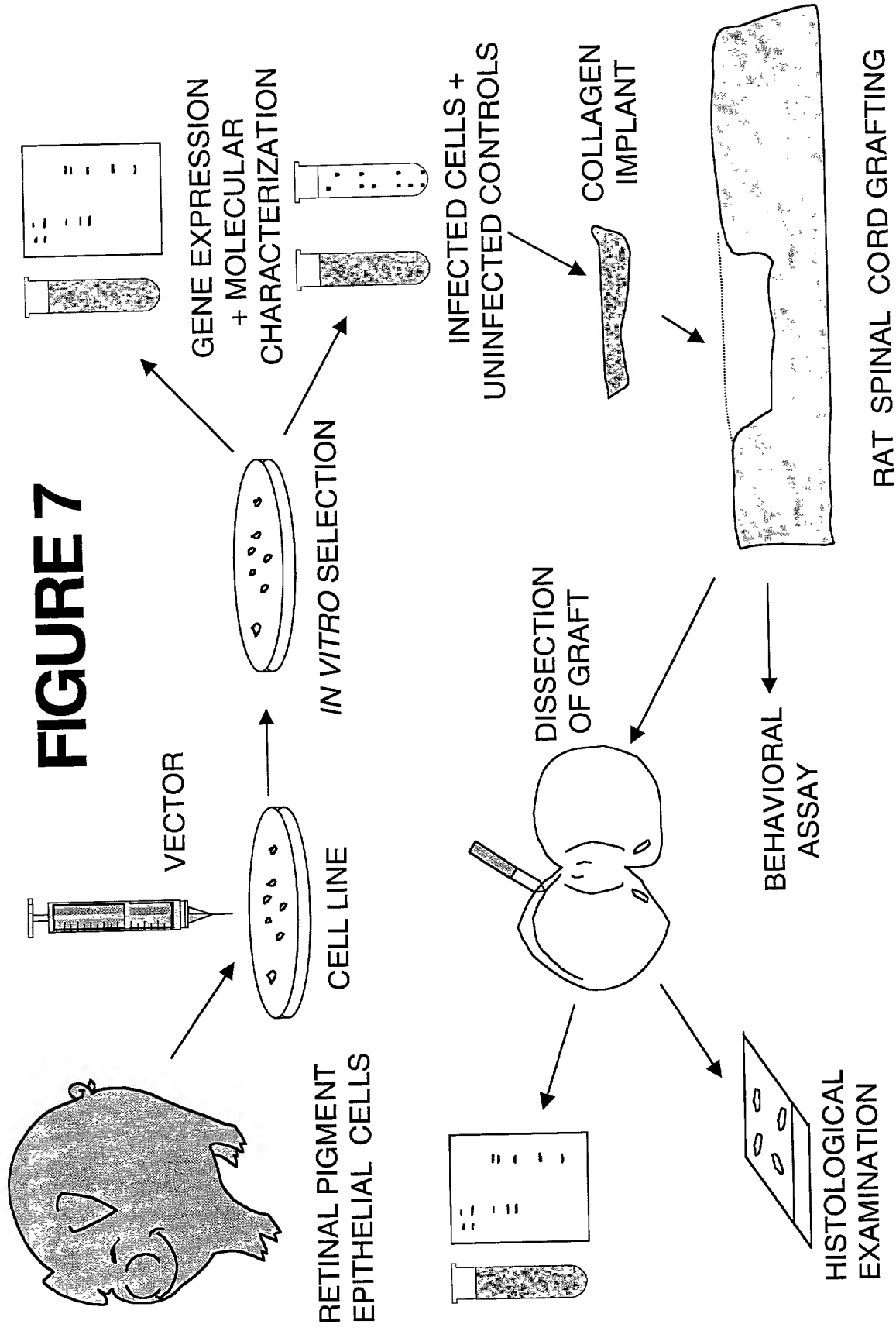


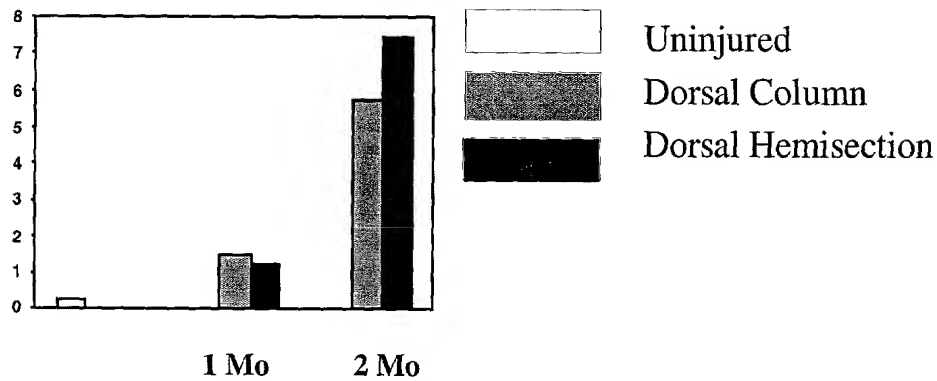
FIGURE 8



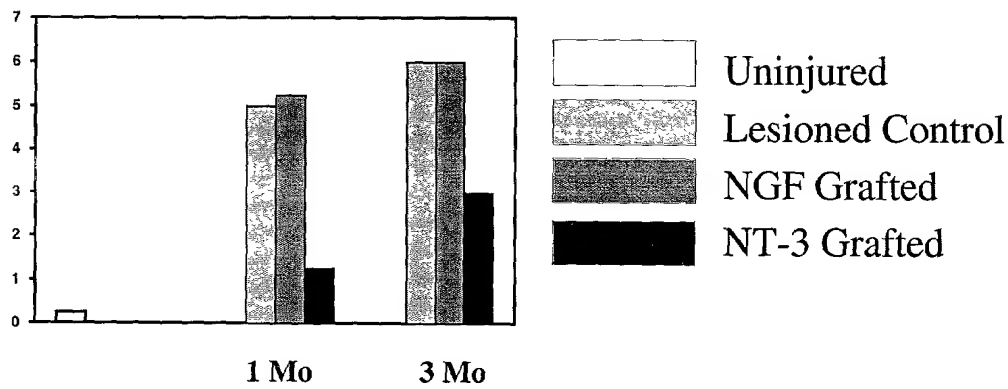
Expression construct

FIGURE 9

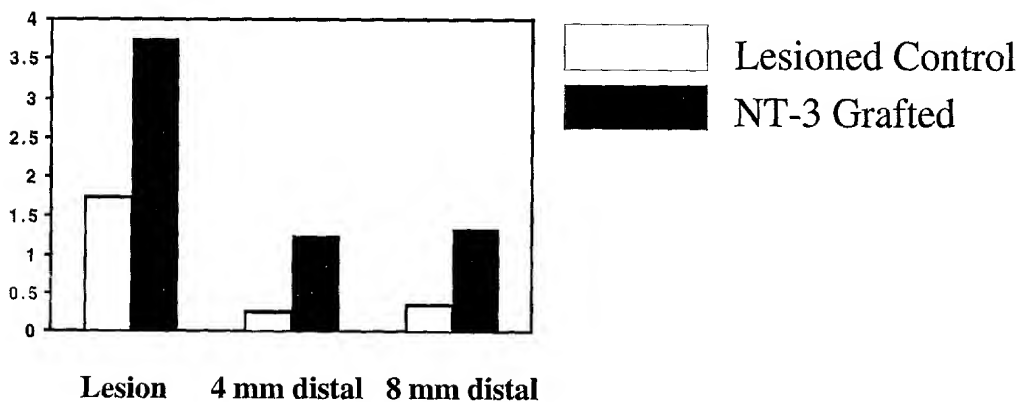
A. Grid Task: Mean Footfalls/Trial

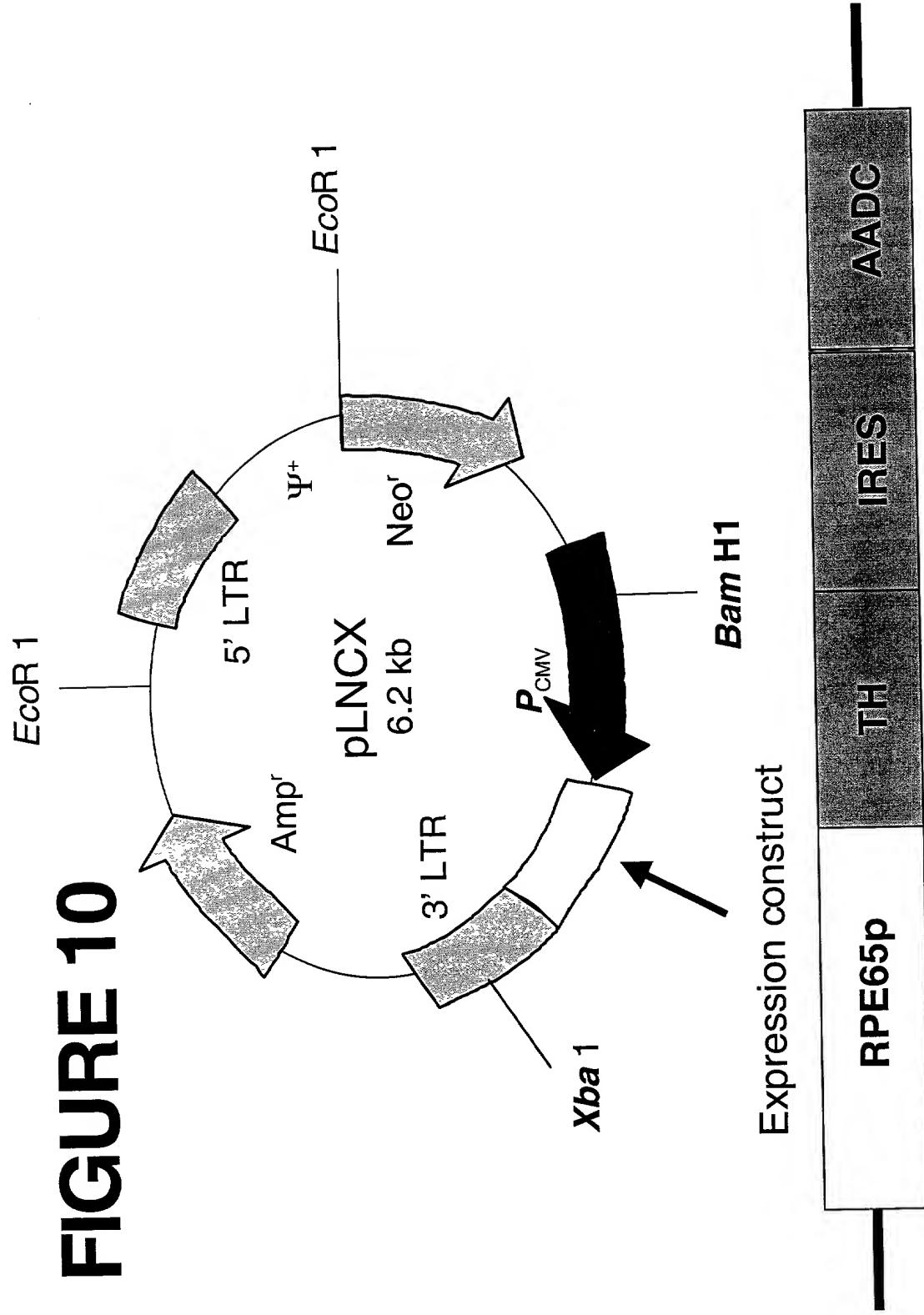


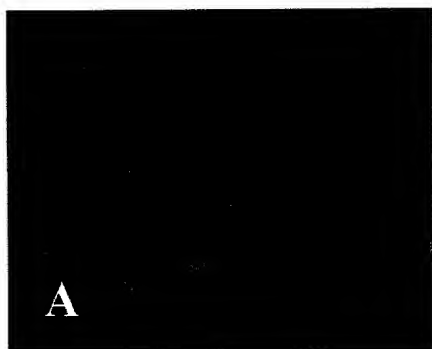
B. Grid Task: Mean Footfalls/Trial



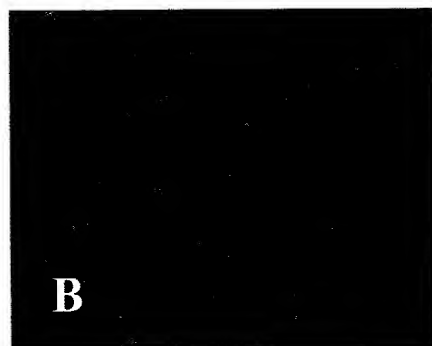
C. Corticospinal Tract Sprouting: WGA-HRP Label Density/Baseline Density



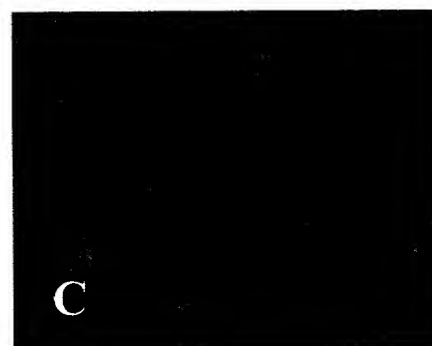




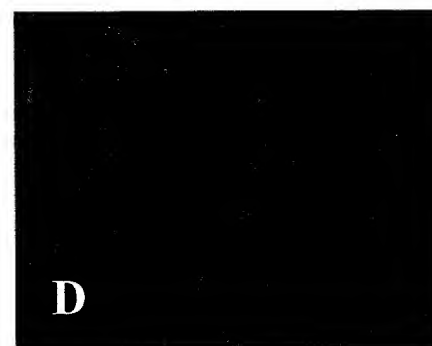
A



B



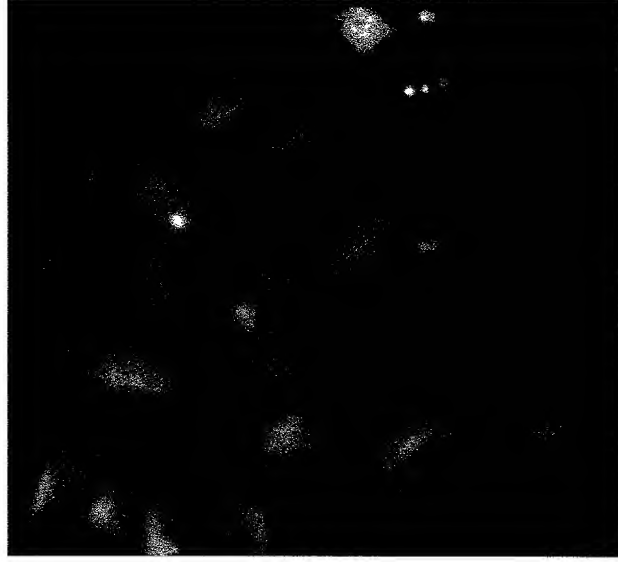
C



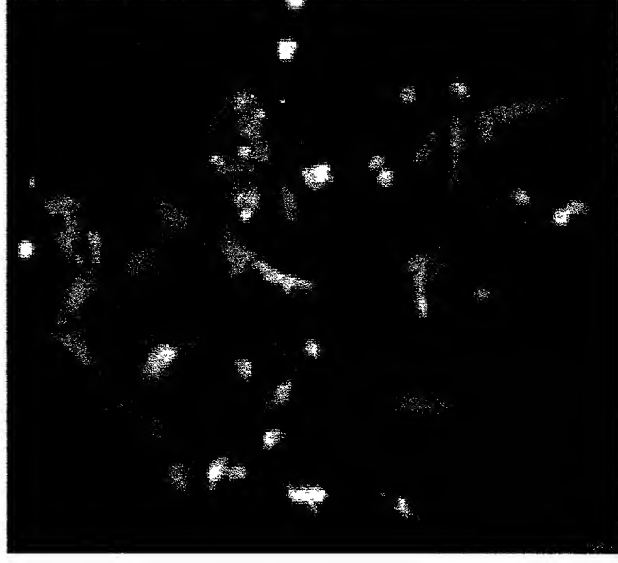
D

FIGURE 11

FIGURE 12



10^4 infectious particles



10^5 infectious particles

FIGURE 1 3

FIGURE 1 3

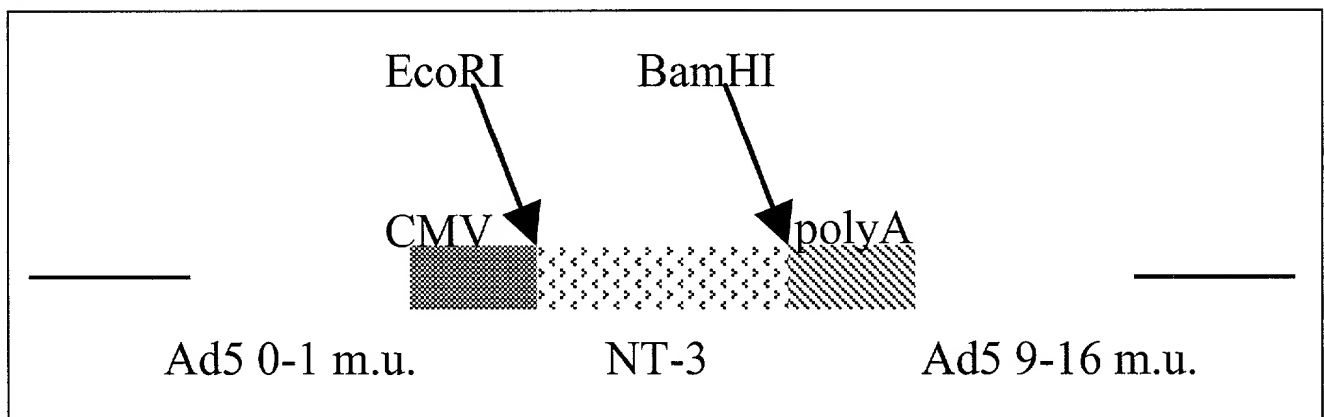


Figure 14

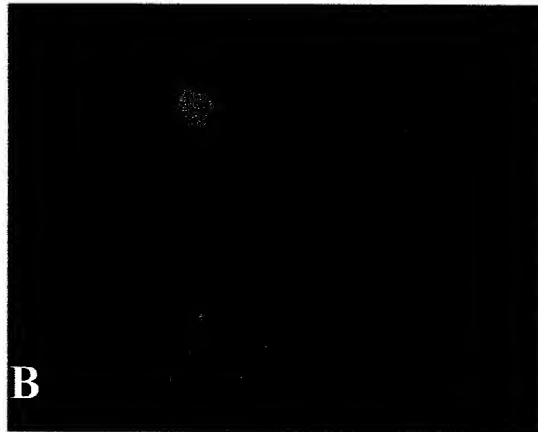
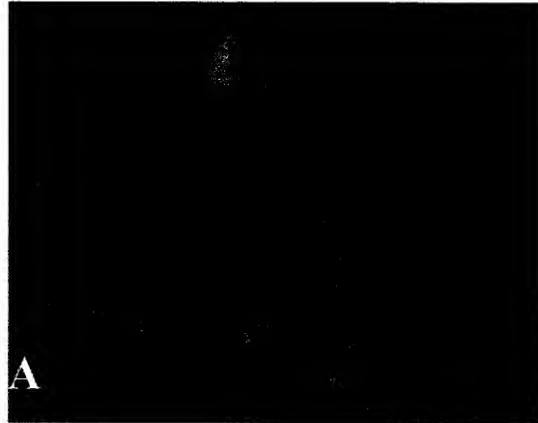
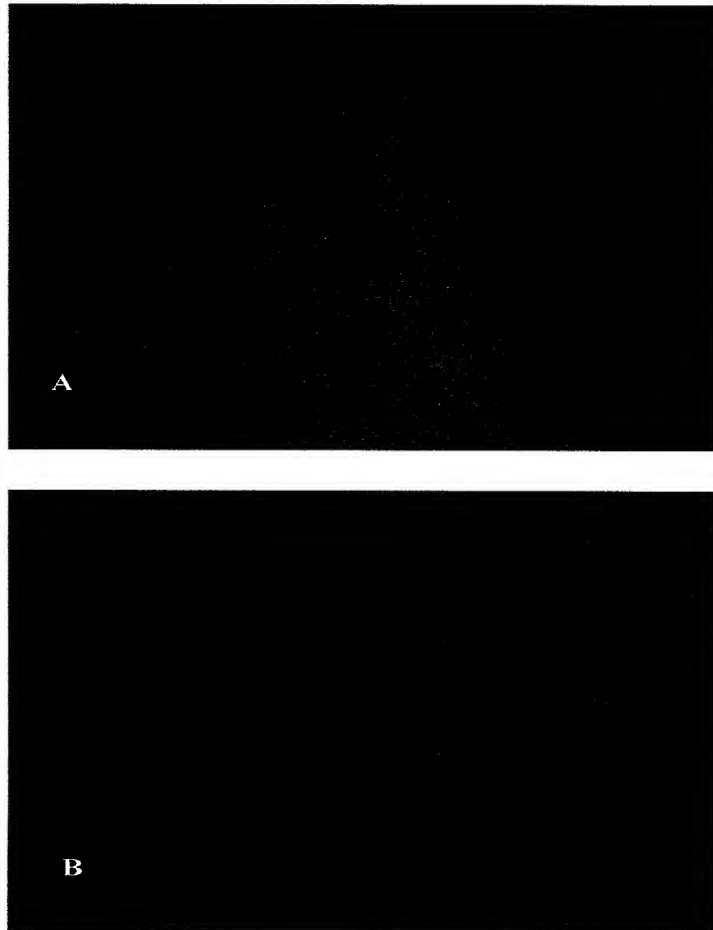


FIGURE 15



0944798-08304
T09280" 352T4560

FIGURE 16

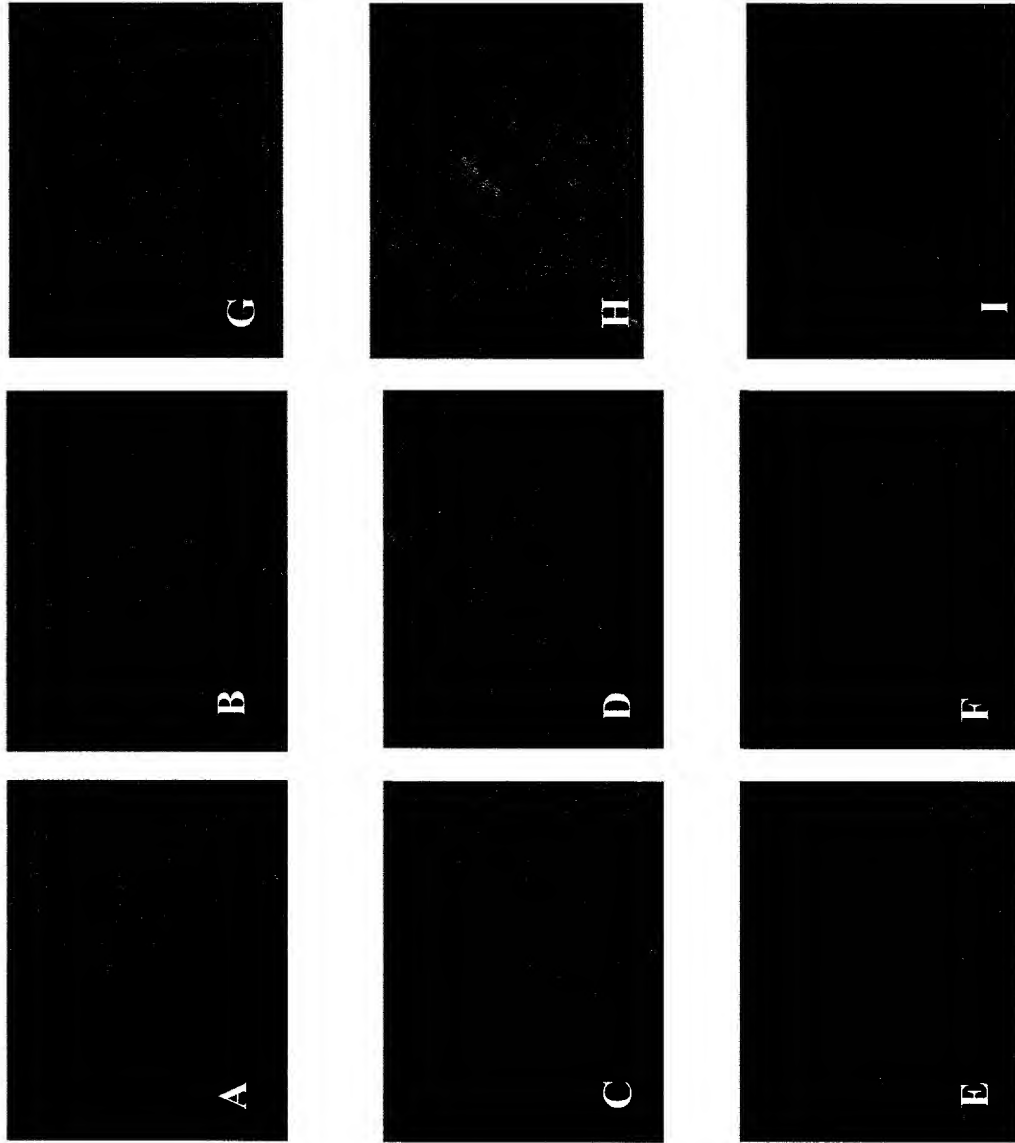


FIGURE 17

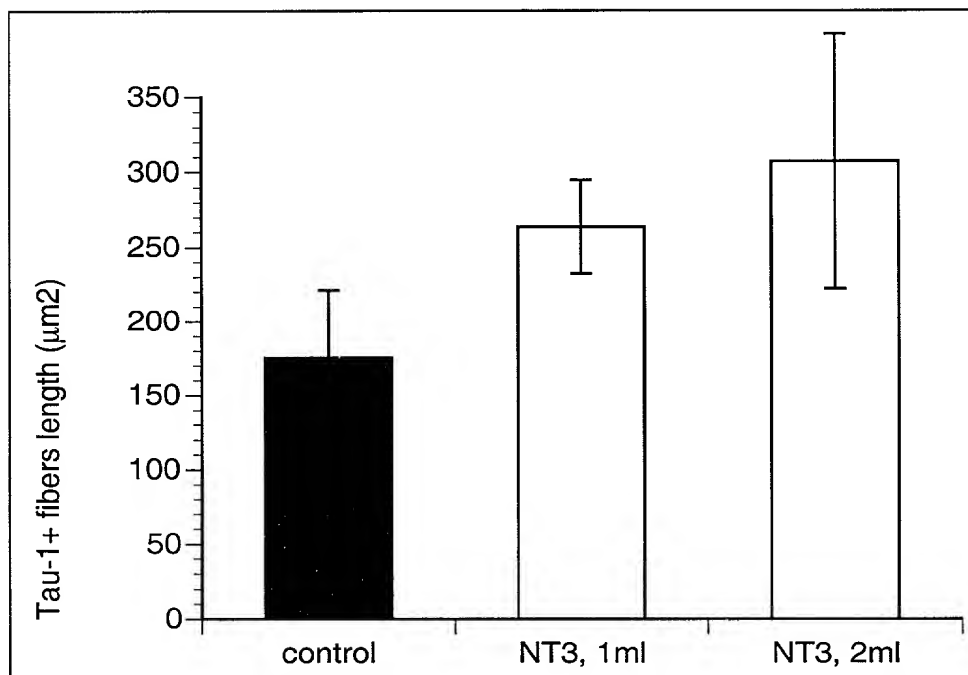


FIGURE 18

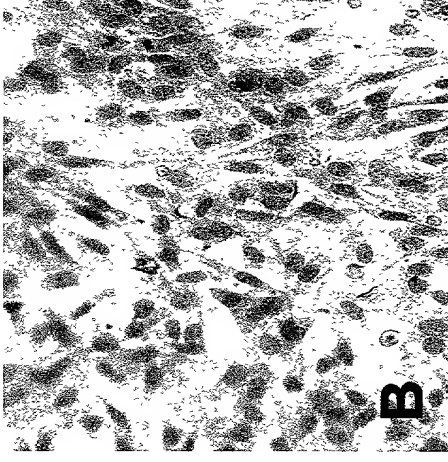
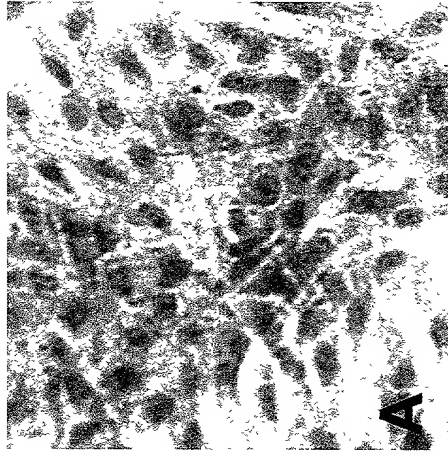


FIGURE 19

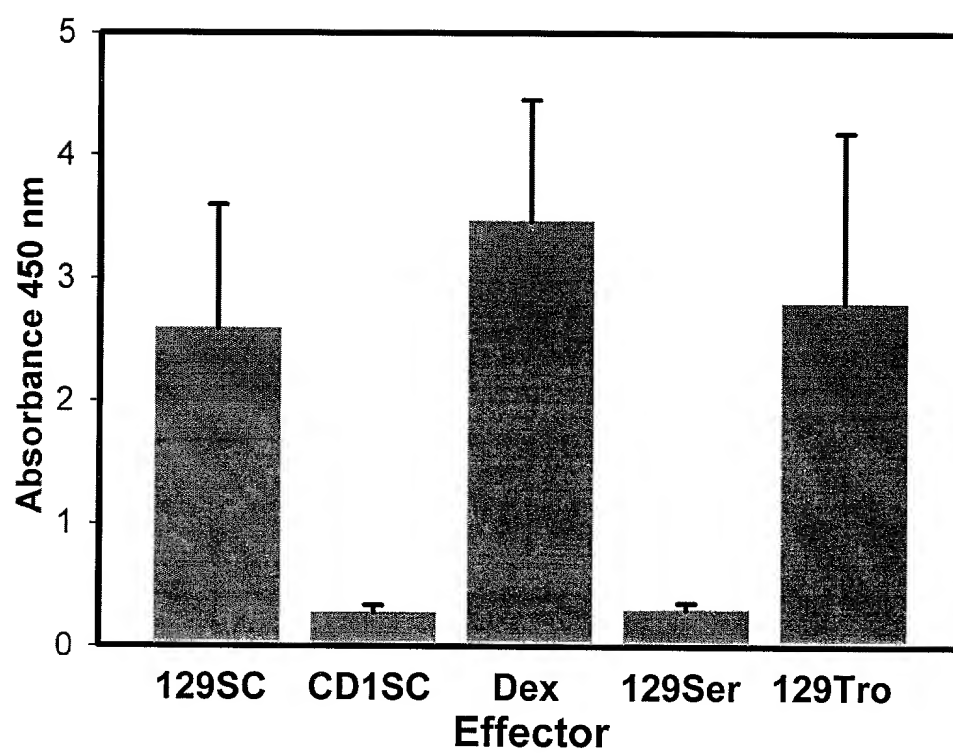


FIGURE 20

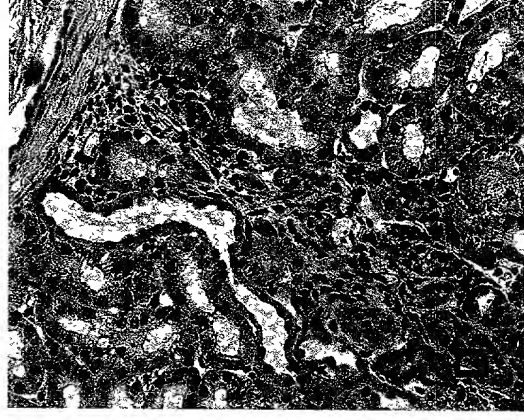
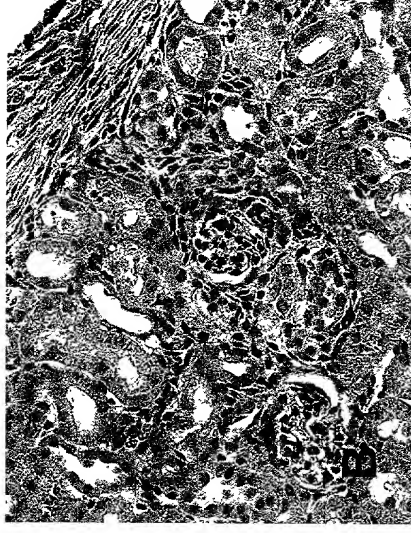


FIGURE 21

